
Contents

Prelude	V
1 Origins and Education	1
1.1 Franconian Beginnings	1
1.2 The New World	5
1.3 Higher Education and War	11
1.4 Graduate School and Fermi	15
2 Institute for Advanced Study, 1948–1949, Theory	25
3 Berkeley, 1949–1950, Accelerators	31
4 Properties of Pi Mesons	41
5 Strange Particles and Bubble Chambers	59
6 Neutrinos I	83
7 CP Violation	95
8 Neutrinos, II	121
8.1 Quarks and Gluons	121
8.2 CDHS	123
8.3 Nucleon Structure	126
8.4 Quantitative Confirmation of “Scaling Violations” Predicted by QCD Theory	129
8.5 Beam Dump and Tau Neutrino	131
8.6 Neutrino Masses, Neutrino Mixing, Neutrino Oscillations	132
9 Experiments with the LEP e^+e^- Collider	143

A Postlude	163
References	177